



# GAURAV VINOD BHAMBHANI

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## EDUCATION:

**B.Tech. in Computer Science and Engineering | Nirma University**

*Aug 2018 – Jun 2022*

**Overall Grade: 7.8/10.0**

## INTERNSHIPS:

**SDE and Product Analyst | Quicko Infosoft**

*Jan 2022 – Jun 2022*

- Pioneered the [Tax Payment Gateway website](#) for [Sandbox](#) using technologies such as Vue.js and Strapi CMS.
- Developed the [TDS \(Tax Deductible at Source\) Calculator API](#) and published for sale on Sandbox.
- Designed the official customer support page for Sandbox from scratch using Figma for UI/UX Design.
- Interacted with Stakeholders, understood customer requirements and gaps in our product; Collaborated with developers and filled those gaps.
- Worked with the Business Development and Sales department and pitched Sandbox to companies like Amazon, Flipkart, PhonePe, etc.

**Software Development Lead | Uppskale**

*Apr 2020 – Jun 2020*

- Fostered a team of 12 developers and launched the website, built a Chat-bot, Mass-mailer, and a Resume scanner.
- Using technologies and languages like MongoDB, Python, HTML, JS, CSS and more.

**Web Developer | LAARI**

*Mar 2020 – Jun 2020*

- Designed and built the website using technologies like MySQL, HTML, CSS, JavaScript.

## RECENT PROJECTS:

**Roll A Ball - Game | Unity, C#**

- A game where the player can control a ball in a 3D world and collect coins.

**Spin-Dare Mobile - Game | Flutter, Dart**

- A mobile game where the player can rotate a wheel and do a dare from the given categories.

**Indian Space Research Organization -Funded Project | User Interface Development**

- Coordinated with Head of Department, Faculty members and developed the user interface for 'Crop Detection and Crop Area Calculation from Satellite Images' using Python.
- Integrated the Machine Learning codebase in the backend, and reconfigured the database accordingly.

**Covid-19 Tracker application | Django**

- The application provides accurate day to day Covid statistics of all the countries, achieved using Rapid API.
- All-rounder application with features to see the resources available, page for reading the posts and has multiple user authentication and authorization modules.

**IoT-Based Real Estate Management Application with Air Quality Monitoring | Flutter, ThingSpeak, ESP8266, DHT11**

- A real estate based mobile application that shows the air quality of a neighborhood.
- Used DHT11 for demonstration purposes with a database configured using ThingSpeak.

**Personal Expenses Tracker | Flutter, Dart, Firebase**

- An application that helps users keep track of their daily expenses, with dynamic graphical representations.

## RESEARCH AND ACHIEVEMENTS:

**Sentiment Analysis on Twitter Data | Research Paper (Lead-Author)**

*Aug 2020 – Feb 2021*

- Performed sentiment analysis on Twitter Dataset of about 16000 entries using Support Vector Machines.
- Presented the research paper in the National Conference of Advancement in Communication Electronics Computers and Automation Technology.

**Nirma University-Funded Project | Deep Learning Model Development**

*Jun 2021 – Aug 2021*

- Coordinated with faculty members of Nirma University and developed a Deep Learning model using Keras applications to detect primary levels of depression in people.
- Used a database of about 20,000 images which included images taken by us from a local hospital.

**Google Cloud Ready Certification | Google Cloud, Qwiklabs**

- Achieved certification by performing tasks and giving tests on Qwiklabs Platform.

## COMPETENCIES:

**Programming Languages:** Java, Python, C, C#, Arduino

**Web Development:** HTML, CSS, JavaScript, Django, VUE.js, Node.js

**App Development:** Flutter, Dart, Kivy, Tkinter, UNITY

**Databases and Cloud:** AWS, Google Cloud, MySQL, MongoDB, Cassandra, ThingSpeak